

Date: Fri, 11 Jun 93 20:06:45 PDT  
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>  
Errors-To: Packet-Radio-Errors@UCSD.Edu  
Reply-To: Packet-Radio@UCSD.Edu  
Precedence: Bulk  
Subject: Packet-Radio Digest V93 #165  
To: packet-radio

Packet-Radio Digest                Fri, 11 Jun 93                Volume 93 : Issue 165

Today's Topics:

internet wormhole  
RESULT: rec.radio.amateur reorganization  
Where can I ftp TheNet?  
WWV on Telephone

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>  
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 11 Jun 93 21:35:01 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: internet wormhole  
To: packet-radio@ucsd.edu

Is there any internet gateways that will send you copies of the bulletin  
that reach the packet node/bbs?? I'd like to be able to read the bulletins  
flowing through the area without purchasing a tnc and second radio.

Also, is there any real-time gateways that permit node hoping (ie wormhole)  
that is accessable from internet?

\*\*\*\*\*  
\*John Mitchell - Internet address 13739@EF.GC.MARICOPA.EDU \*  
\*N7SLX VHF - Glendale Community College -->World Peace<-- \*  
\*Phoenix, Az. - Poor Starving Student Assc.--We take cash, gold, \*  
\*and your young maddens (or a good ale). Contribute today! 8-) \*  
\*\*\*\*\*

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Date: 11 Jun 1993 15:14:28 -0400  
From: bounce-back@uunet.uu.net  
Subject: RESULT: rec.radio.amateur reorganization  
To: packet-radio@ucsd.edu

The voting period for the rec.radio.amateur reorganization has ended as of 2359 GMT, 9 June 1993 (7 PM US Central Daylight Savings Time). The results are as follows:

rec.radio.amateur reorganization results - 307 votes

Yes	No	: 2/3?	>100?	: Pass?	: Group
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202	91	:	Yes	Yes	rec.radio.amateur.digital.misc
179	110	:	No	No	rec.radio.amateur.digital.tcp-ip
186	97	:	No	No	rec.radio.amateur.dx
196	93	:	Yes	Yes	rec.radio.amateur.antenna
197	97	:	Yes	Yes	rec.radio.amateur.equipment
172	106	:	No	No	rec.radio.amateur.instruction
175	108	:	No	No	rec.radio.amateur.operating
194	93	:	Yes	Yes	rec.radio.amateur.homebrew
204	88	:	Yes	Yes	rec.radio.amateur.space
175	105	:	No	No	rec.radio.amateur.emerg-services
142	125	:	No	No	rec.radio.amateur.rdf

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In accordance with the Guidelines for Newsgroup Creation, the following groups will be created, barring any serious procedural objections, on or about Monday, 14 June 1993:

rec.radio.amateur.digital.misc  
    amateur packet radio, RTTY, AMTOR, Clover and other digital amateur radio modes (This replaces rec.radio.amateur.packet and adds other digital modes to the subject)

rec.radio.amateur.antenna  
    amateur radio antennas: theory, techniques and construction

rec.radio.amateur.equipment  
    amateur radio equipment: manufactured products and modifications

rec.radio.amateur.homebrew  
    amateur radio construction & experimentation

rec.radio.amateur.space

amateur radio in space: amateur radio satellites, earth-moon-earth  
(EME) communications, space shuttle, MIR space station, etc.

The existing rec.radio.amateur.packet newsgroup will be removed on or about  
Tuesday, 14 September 1993.

Here are the individual votes cast. The list is in case-insensitive order of  
the voter's email address, and lists the address, name, and votes cast (the 11  
characters at the end of each line are in the same order as the results text  
above). The address and name are as parsed by Ron Dippold's UseVote software,  
version 1.0. An attempt was made to mail an acknowledgement to each voter,  
with his vote as parsed by UseVote, but inevitably some bounced. I did not  
upgrade to later versions of UseVote because I did not wish to have to  
re-validate the process during a running vote. I have all of the email  
messages on file for all of the votes cast; if you're really interested in  
them, drop me email and I'll make arrangements for transferring them.

#### rec.radio.amateur reorganization Final Vote Ack

"Bent Bagger, OZ6BL"bb@craynet.dk	YY-----YY--
) (cheech@ocean.med.unc.edu (Greg Young)	YYYYYYYYYYYYYY
a-kevinp@microsoft.com (Kevin Purcell (Rho)	NNNYNYYYYNY
A.D.S.Benham@bnr.co.uk	YY-----
aanineat@leland.Stanford.EDU	YYNNYNNNNYYY
abe@vic.cc.purdue.edu (Vic Abell)	YNYYYYNNNNNN
acollins@uclink.berkeley.edu (Andy Collins)	YY-YY--YYYY
acourt@ncc.uky.edu	YYNNNNNNNNNN
ad815@yfn.ysu.edu (John S. Kennedy)	YYYYYYYYYYYYYY
ae1t@oz.plymouth.edu (Peter G. Drexel)	NYYYYYYYYYYY
agodwin@acorn.co.uk (Adrian Godwin)	NNYNYNNNNYY
aj@sage.cc.purdue.edu (John Dormer)	YYYYYYYYYYYYYY
ak413@yfn.ysu.edu (James R. Hufford)	YYYYYYYYYYYYYY
Al_Brackett@DGC.MCEO.DG.COM	YYYYYYYYYYYYYY
anderson@optical.bms.com (Jay Anderson)	YYYYYYYYYYYYYY
andre@boombox.micro.umn.edu ("Andre' V. Thomas")	YYYYYYYYYYYYYY
andyw@aspen.cray.com (Andy Warner)	NNNNNNNNNNNN
angerhof@dsd.es.com (Norman Angerhofer)	YNYYYYYYYYNY
anton@aaa.ine.philips.nl	NNNYN---YNN
arthurj@equinox.unr.edu (Art Johnson)	YYYYYYYYYYYYYY
AVCOOK@ANANOV.REMNET.AB.COM ("Alan V. Cook")	NNNNNNNNNNNN
aw0g+@ANDREW.CMU.EDU (Aaron Wohl)	YYYYYYYYYYYYYY
B10990@ANLVM.CTD.ANL.GOV ("GARY MYERS")	YYYYYYYYYYYYYY
bailey@utpapa.ph.utexas.edu (Ed Bailey)	NNN-YNYNN-N
balamut@morris.hac.com (Morris Balamut)	YYYYYYYYYYYYYY
bandy@well.sf.ca.us (Andrew Scott Beals)	YYYYYYYYYYYYYY
bcoleman@hayes.com	NNNNNYNYYNN
becker@boilerbob.corp.mot.com (John Becker)	YYYYY-YY---
ben@nj8j.atl.ga.us	YYYYNYYYYYYY

bernerus@cs.chalmers.se (Christer Bernerus)	YYYYYY-YYY--
beyonet!olwejo!root (Bob Kupiec)	YY-Y--N--Y-
bill@cs.uofs.edu (Bill Gunshannon)	NNNNNNNNNNNN
biocca@csg.lbl.gov (Alan K Biocca)	YYYYYYYYYYYYYY
black@NeXTwork.Rose-Hulman.Edu	NNNNNNNNNNNN
blackj@postoffice.agcs.com (Jim Black)	NNNNNNNNNNNN
bob@bpamiga.pegasus.com (Bob Proffitt)	YYYYYYYYYYYYYY
bob@mtdcr.att.com	NNNNNNNNNNNN
bobh@hpesoc1.cup.hp.com (Bob Headrick)	NNNNNNNNNNNN
bobw@col.hp.com (Bob Witte)	NNYNYNYYNN
bpathd@deincr.RAIDER.NET ("Teri Nelson [NOT DEE!]")	YYYYYYYYYYYYYY
bpathj@deincr.RAIDER.NET ("W. Jane Billingsley, Owner by DAMN!"	YYYYYYYYYYYYYY
BR.SJE%RLG@Forsythe.Stanford.EDU ("Steve Eastman")	YYYYYYYYYYYY-
bram@fangorn.hacktic.nl	YYYYYYYYYYYYYY
brian@amdcl2.amd.com (Brian McMinn, N5PSS)	YYYYYYYYYYYYYY
brian@UCSD.EDU (Brian Kantor)	NNNNNNNNNNNN
brown@sunfs1.dsd.northrop.com (Brown)	YYYYYYYYYYYYYY
brynell@gdwest.gd.com (David L. Brynell)	NNNNNNNNNNNN
btbg1194@uxa.cso.uiuc.edu (Bradley T Banko)	NNYYNYNYYY-
bwalzer@muug.mb.ca (Bruce Walzer)	--YYYYYYYYYY
bwhite@dsd.camb.inmet.com (Bill White)	YYYYYYYYYYYYYY
bwilkins@holonet.net (Bob Wilkins n6fri)	YY--Y---Y-Y
byon@csulb.edu (Byon Garrabrant)	YYNYYYYYYNY
c28f62@world.std.com (A Citizen of The World)	NNNNNNNNYYNN
carlson@linac.fnal.gov (Kermit Carlson)	YYYYNNNNYYNN
cas30@uts.amdahl.com (Chris "Sleepy" Swartout)	YYYYYYYYYYYYYY
cbaechle@iiic.ethz.ch (Cedric Didier Baechler)	YY-Y---YYNN
cdp@hertz.njit.edu (Chris Peckham)	YYYYYYYYYYYYYY
chardi@computer-science.manchester.ac.uk (Ian Chard)	YYYYYYYYNYNN
charding@raynet.com (Charles Harding x2435)	YYYYYYYYYYYYYY
charlier@lsid.hp.com (Charlie Panek)	NNYYYNYYNN
chuck@eng.umd.edu (Chuck Harris - WA3UQV)	NNNNNNNNNNNN
cmetz@thor.tjhsst.edu (Craig Metz)	YYYYYYYYYYYYYY
Coco.Djossou@sophia.inria.fr (Coco Djossou)	YYYYY-Y-YY-
codella@watson.ibm.com (Chris Codella)	YNYYYNYYNN
cole@soldev.tti.com (Randy Cole)	NNNNNNNNNNNN
craigb@sdd.hp.com (Craig Bosworth)	--Y-Y-Y--Y-
craigc@sp-eug.com (CRAIG CHERRY)	YYYYYYYYYYYYYY
ctrown@uts.amdahl.com (Christopher Trown)	YYYYYYYYYYYYYY
dadams@cherry.cray.com (David Adams)	YYYYYYYYYYYYYY
dale@sequent.com (Dale Mosby)	NNNNNNNNNNNN
dana@fafnir.la.locus.com ("Dana H. Myers")	YYYYYYYYYYYYYY
Daniel.W.Collison@Dartmouth.EDU (Daniel W. Collison)	YYYYYYYYYYYYYY
datwyler@moons.sim.es.com (Doug Datwyler)	Y--YYY-YY-Y
dave@holl.com (David Vrona)	YYYYYYYYYYYYYY
dave@hpfcjh.fc.hp.com (Dave Hodge)	NNNNNNNNNNNN
David.M.Goldhaber@ril3.tamri.com	YNYNYYYYYYYY
dbsun!landers@wupost.wustl.edu (landers)	YYYYYYYYYYYYYY

ddavidso@metz.une.edu.au (Dean Davidson)	YYYYYYYYYYYYYY
dddixon@westmi.grrapids.ingr.com (Don Dixon)	YYYYYYYYYYYYYY
ddtodd@ucdavis.edu	NNNNNNYNYNN
dem@meadata.com (David Myers)	NNN - NNNNNNN
df@eyrie.demon.co.uk (Derek Fawcus)	YYYYYYYYYYYYYY
dfinley@aoc.nrao.edu (Dave Finley)	NNNNNNNNNNNN
dickens@ranger.rtsg.mot.com (Richard A. Dickens)	NNNNNNNNNNNN
dihi@bsdihi.atr.bso.nl ("Dick Hissink")	YYYYYYYYYYYYYY
dihle@awis.auburn.edu (Dave M. Ihle)	YYYYYYYYYYYYYY
djg1@ukc.ac.uk	YYYYYYYYYYYYYY
dlawlor@morgan.ucs.mun.ca (Doug Lawlor)	YYYYYYYYYYYYYY
dls@genrad.com (Diana L. Carlson)	YNYYYYYYYYYY
donc@spock.dis.cccd.edu (Don Cock)	YYYYYYYYYYYYYY
doug@cahuilla.UCSD.EDU (Doug Peckham)	YYNNYYNYNYNN
DRAKE@dtpvx2.ncifcrf.gov ("Drake, David")	YYYYYYYYYYYYYY
dravey@netcom.com (Donald Ravey)	YYYYYYYYYYYYYY
dreamer@lhaven.UUmh.Ab.Ca (Lawrence "The Dreamer" Chen)	-Y-YYYYYY-YY
dts@eddy.banyan.com (Daniel Senie)	YYYYYYYYYYYYYY
ean@gvls2.VFL.Paramax.COM (Ed Naratil)	YYYYYYYYYYYYYY
eckman@eos1.larc.nasa.gov (Richard Eckman)	YNYYYYYYYYYY
ed@imp.pnl.gov	NNNNNNNNNNNN
edh@hpuerca.atl.hp.com (Ed Humphries)	YYYYYYYYYYYYYY
eyimkn@unicorn.nott.ac.uk (M. Knell)	YYNNYYYYYYYYNN
ehare@arrl.org (Ed Hare - KA1CV)	YN - YYYYYYY - -
eichin@cygnus.com (Mark Eichin)	YYYYYYYYYYYYYY
ejo@kaja.gi.alaska.edu ("Eric J. Olson")	NNNNNNNNNNNN
ekho@ttsrv2.ttl.fi (Holmberg Esa ttl)	YY - YYYYYYYY
elbert@darmstadt.gmd.de	YYYYY - YY - Y
emd@ham.almanac.bc.ca	YYYYYYYYYYYYYY
enge@almaden.ibm.com ("Roy Engehausen")	NNNNNNNNNNNN
epacyna@auratek.com (Edward Pacyna)	YYYYYYNYNYNN
esj@harvee.billerica.ma.us (Eric S Johansson)	YYYYYYYYYYYYYY
etxtsg@solsta.ericsson.se (Thomas Grennefors TX/DKF)	YNYYYYNYYNN
ewiles@SSDC.Sterling.COM (Edwin Wiles)	YYYYYYYYYYYYYY
ew_fleck@pnlg.pnl.gov (Earl W Fleck)	YYYYYYYYYYYYYY
fab9452@cato.tamu.edu (Allan Bailey)	YYYYYYYYYYYYYY
faunt@netcom.com (Doug Faunt N6TQS 510-655-8604)	NNNNNNNNNNNN
fax%sparc4@Olivetti.Com (Marco Fassiotto)	--YYY - YY - --
femenia@power.ci.uv.es (Jose M. Femenia Herrero)	YYYYYYYYYYYYYY
fischer@CS.UCLA.EDU (Jeffrey Fischer)	YYYYYYYYYYYYYY
fkf1@cornell.edu (F. Kevin Feeney)	Y - - YYYYYYYY
fms@hoop.sw.stratus.com (Faith Senie)	YN - - Y - Y - -
frankh@scraps.pittsburgh.sgi.com (Frank W. Holden KA3UWW)	YYYYYYYYYYYYYY
Fred.Lloyd@West.Sun.COM (Fred Lloyd [Phoenix SE])	NNNNNNNNNNNN
frfa@fis.unb.br (Francisco Rogerio Fontenele Aragao)	Y - YY - - - Y - -
FSSPR@acad3.alaska.edu (Hardcore Alaskan)	YYNYNNYNYNNY
furuta@cs.UMD.EDU (Richard Furuta)	NNYNNNN - YNN
gary%ke4zv.uucp@mathcs.emory.edu (Gary Coffman)	YY - - NNN - Y - Y

gary@eplhp3 (Gary Pickens)	YYYYYY-YYYY-
garycar@tenet.edu (Gary L Carlson)	NNNNNNNNNNNN
garym@flash.alsys.com (Gary Morris @ignite)	YNNYYNYNYYN
garyr@cs.tamu.edu (Gary R Ratterree)	YYYNNNNNNYYY
gedwards@ncratl.atlantaga.NCR.COM (Gordon Edwards)	--Y--YY-YY-
ggjns@knuth.mtsu.edu (John Schmidt)	YYYYYYYYYYYYYY
ggw@wolves.Durham.NC.US (Gregory G. Woodbury)	YYYYYYYYYYYYYY
gjk@hogpa.att.com	YN>NNNNNNNNNN
gjmontll@monty.b17b.ingr.com (Greg Montllor)	NNNNNNNNNNNN
glg@balrog.k8lt.ampr.org (Gary L. Grebus)	NNNNNNNNNNNN
gordon@pinetree.org (Gordon Dewis)	YYYYYYYYYYYYYY
gordon@westford.ccur.com	NNNNNNNNNNNN
gordonh@cellnet.com (Gordon Harty)	YYYYYYYYYYYYYY
grc!don@uwm.edu (Don Woelz)	NNNNNNNNNNNN
gsmlrn@gsm001.mendelson.com (Geoffrey S. Mendelson)	NNNNNNNNNNNN
gswanson@arrl.org (Glenn Swanson)	YYYYYYYYYYYYYY
gtaylor@taex003n.tamu.edu (Gregory S. Taylor)	--NNN-N-N--
guy@coos.dartmouth.edu (Guy Schiavone)	YYYYYYYYYYYYYY
gzf50@juts.ccc.amdahl.com (Giuseppe Filiaci)	YYYYYYYYYYYYYY
hanko@wv.MENTORG.COM (Hank Oredson)	YNYYYYYYYYYY
hatter!mhatter (Henry Middlebrook)	YYYYYYYYYYYYYY
haymoree@quack.kfu.com (Ed Haymore)	YYNYYYNYNYYN
HEACOCK@kuhub.cc.ukans.edu (Doug Heacock)	YYYYYYYYYYYYYY
herbison@lassie.ucx.lkg.dec.com (B.J.)	YY-YYY-YYY-
hmpetro@mosaic.uncc.edu (Herbert M Petro)	NNNNNNNNNNNN
horak@src.dec.com (Brad Horak)	YYYYYYYYYYYYYY
hrand@PICA.ARMY.MIL ("Henry T. Rand" (AED-FD)	YNYN>NNNNNNYYN
ikluft@uts.amdahl.com (Ian Kluft)	YYYYYYYYYYYYYY
inp@violet.berkeley.edu (Bob Tidd KJ6CS)	YYYYYYYYYYYYYY
jackson@e5sf.hweng.syr.ge.com (jackson)	YYYYYYYYYYYYYY
jangus@skyld.tele.com ("Jeffrey D. Angus")	NNNNNNNNNNNN
jayk@hpxxx.fc.hp.com (Jay Kesterson K0GU x6826)	-NNNNNNNNNNNN
jet@nas.nasa.gov (J. Eric Townsend)	YYYYYYYYYYYYYY
jga@dreaml.wariat.org (Jon Anhold)	YY-YY-Y--YY
jgt10@uts.amdahl.com (John G. Thompson)	YYYYYYYYYYYY-
jhoag@magnus.acs.ohio-state.edu (John Hoag)	YY-----Y--
jhobson@SU19F.ess.harris.com (Harv Hobson)	NNNNNNNNNNNN
jhoos@ux4.cso.uiuc.edu (Jason Hoos)	YYYYYYYYYYYYYY
jim@n5ial.mythical.com (Jim Graham)	YYYYYYYYYYYYYY
jlgiasi@umassmed.UMMED.EDU (John L. Luigi Giasi)	NNNNNNNNNNNN
jmaynard@nyx.cs.du.edu (Jay Maynard)	YYYYYYYYYYYYYY
jmcoving@mosaic.uncc.edu (John Covington WN4BBJ)	NNNNNNNNNNNN
jmeyers@ecst.csuchico.edu (Jeff Meyers)	YYYYYYYYYYYYYY
jmorris@spider.co.uk (John Morris)	YYYYYYYYYYYYYY
jmr@ruth.ece.psu.edu (Joe Reinhardt)	YYYYYY---Y--
jones%azterra@sj.ate.slb.com (Clark Jones)	NNNNNNNNNNNN
jrmassi@aplcenmp.apl.jhu.edu (Massi joseph r 301-369-7780)	YYYYYYYYYYYYYY
jspady@plaza.ds.adp.com	YYYYYYYYYYYYYY-

julian@bongo.tele.com (Julian Macassey)	NNNNNNNNNNNN
jvp@cpref1.ee.iastate.edu (Jim Van Peursem)	YYYYYYYYYYYY-
jws@hpfcrn.fc.hp.com (John Schmidt)	NNNNNNNNNNNN
K.E.Walton@bradford.ac.uk	YYYYYYNNYYY-
kahrs@gandalf.rutgers.edu (Mark Kahrs)	YYYYYYYYYYYY
kawai@speech.sri.com (Goh Kawai N6UOK)	NNNYYYYNYYYY
kchen@apple.com (Kok Chen)	NNNYYYYNYYYY
kd6hr.E1_Segundo@xerox.com	NNNNNNNNNNNN
kevin@ws066.torreypinesca.NCR.COM (Kevin Sanders)	YYNYYYYYNNNN
kirсанwa@catipult.anatcp.rockwell.com	NNNNNNNNNNNN
kkudielk@email.tuwien.ac.at (Klaus KUDIELKA)	YY-YY--YY--
KMCQUEEN@UT_WICAT ("Keith McQueen")	NNNNNNNNNNNN
kristin@gandalf.umcs.maine.edu (Kristin Rachael Hayward)	YNYN>NNNNYYYY
kurt@cs.tamu.edu (Kurt Freiberger)	YYYYYYYYYYYY
laborde@oak.Jpl.Nasa.Gov (Gregory R. LaBorde)	YYYYYYYYYYYY
larson@net.com (Alan Larson)	NNNNNNNNNNNN
lemsys!clemon	NNYYNNYYNN
levin@BBN.COM	NNNNNNNNYYNN
lisa@deincr.RAIDER.NET	YYYYYYYYYYYY
ljthompson@anl.gov (loren thompson)	YYYYYNYYYYNN
luru@stekt.oulu.fi (Ari Husa)	YYY----YY-
mam@gvgspd.gvg.tek.com (Mark A. Matthews)	YYYYYYYYYYYY
mann@eskimo.com (Tom Mann)	YYYYYYYYYYYY
marc@Athena.MIT.EDU (Marc Horowitz)	YYYYYYYYYYYY
merchant@cea.Berkeley.EDU (Will Merchant)	Y--YYY--YY-
mark@ERA.COM (Mark Feit)	--NNNNNNNNNN
mark@ve6mgs.ampr.org (Mark G. Salyzyn)	YYYYY-YYYYY
markz@ssc.com (Mark Zenier)	----Y-YY-Y-
martin.zurn@jrc.it (Martin Zurn)	YYYYNNNNYYNN
martinbw@jackatak.raider.net (Bruce Martin)	YYYYYYYYYYYY
maus@fid.morgan.com (Malcolm Austin)	NNNNNNNNNNNN
mebly@eng.umd.edu ("Mark E. Bailey")	YYYYYYYYYYYY
megabyte@chinet.com (Mark E. Sunderlin)	YNYYNNYYNNYN
mikef@pacifier.rain.com (Mike Freeman)	YYYYYYYYYYYY
mikemr@microsoft.com (Michael Mraz)	NNNNNNNNNNNN
mira@hp-and.an.hp.com (John Mira)	Y-YY--N-YYY
mkb@cs.cmu.edu (Mike Blackwell)	YYYYNNNNYY--
mmt@RedBrick.COM (Maxime Taksar KC6ZPS)	NNYYNY--YY-
moisan@silver.lcs.mit.edu (David Moisan)	YY-YYYYYYYY
monster@garnet.berkeley.edu (Michael Dahl)	YYYYYYYYYYYY
MOWE%SLUMUS.bitnet@CUNYVM.CUNY.EDU (Michael Owen)	YNYYNNYYYYNN
mraz@maverick.aud.alcatel.com (Kris Mraz)	YNYYNNNNYYNN
mrb3@ukc.ac.uk (Matthew Bailey)	YYYYYYYYYYYY
mswmod@sage.unr.edu (stark)	--YYY-YY---
n9ljx@ecn.purdue.edu (Scott A Stembaugh)	NYYYNNNNYYNN
nick@cs.unc.edu (Nick England)	--YYY--Y---
Nicolas.Chleq@sophia.inria.fr (Nicolas Chleq)	YYYYYYYYYYYY
odenhal@aedi.insa-lyon.fr (Karel Odenhal)	YY--YY-YY--

og@access.digex.net (Gary Goldberg)	YYYYYYYYYYYYYY
oswood@hilbert.chem.yale.edu (Mark Oswood)	NNNNNNNNNNNN
p00123@psilink.com ("Seth M. Dworken")	NNNNNNNNNNNN
paul.graziani@chaos.lrk.ar.us (Paul Graziani)	YNNNNNNNNYNN
Paul.Terwilliger@leotech.MV.COM (Paul Terwilliger)	YYYYYYYYYYYYYY
phydeaux@guru.med.cornell.edu (Dave Weingart)	YYYYYYYYYYYYYY
pjka@kalikka.jyu.fi (Pertti Karppinen)	YYYYYYYYYYYYNN
plaws@uafhp.uark.edu (Peter Laws)	NNNNNNNNNNNN
pmaciel@mtl.mit.edu	NYYYNNNNYNN
pockrand@cs.umn.edu (Mitch Pockrandt)	YYYYYYYYYYYYYY
pschleck@cwis.unomaha.edu (Paul W Schleck KD3FU)	YYY--Y-YYYYN
pw@cacs.usl.edu (Pirawat Watanapongse)	YYYYYYYYYYYYYY
ramon@helix.nih.gov (Ramon J. Hontanon)	YYYYYYYYYYYYNN
Raymond.Anderson@EBay.Sun.COM (Ray Anderson)	YYYYYYYYYYYYYY
rcanders@nyx.cs.du.edu (Mr. Nice Guy)	NNYYNNYYYYYY
rdc30@nmrdc1.nmrdc.nnmr.navy.mil ("LCDR Michael E. Dobson")	YNNNNNNNNNNNN
rdewan@casbah.acns.nwu.edu (Rajiv Dewan)	NNNNNNNNNNNN
rdippold@qualcomm.com (Ron Dippold)	YYYYYYYYYYYY-
red-eft!hbe@valley.West.Sun.COM (Harris Boldt Edelman)	NNNNNNNNNNNN
reisert@mast.enet.dec.com (Jim Reisert AD1C)	YYYYYYYYYYYYYY
rhair@ximage.com (Richard Hair)	YYYYNYYNNYYN
rice@ttd.teradyne.com ("John Rice")	YNYYYYYYNNYN
Richard.D.Nimtz.1@nd.edu (Rick Nimtz)	YNNNNNNNNYNN
Richard.McAllister@Eng.Sun.COM (Richard McAllister)	YYYYYYYYYYYYYY
rick@crick.ssctr.bcm.tmc.edu (Richard H. Miller)	NYNNYYYYNNNN
rolfo@strobe.ATC.Olivetti.Com (Roberto Rolfo)	--YYYY-Y--
root@jackatak.raider.net ("Jack GF Hill - Sysop [HOME]")	YYYYYYYYYYYYYY
root@magoo.uwsuper.edu	YY-----Y-
rpwhite@cs.nps.navy.mil (R. P. White)	YYYYYYYYYYYYYY
rsmith@macc.wisc.edu (Rusty Smith)	YYYYYYYYYYYYYY
rwa@cs.athabascau.ca (Ross Alexander)	YYNYYNNYYNY
saba@tellabs.com	YYYYYYYYYYYYYY
sahachai@uhunix.uhcc.Hawaii.Edu (Nopadon Sahachaisaeree)	YY-YYY-YY--
sapnet!n8jbo@mcnnet.HCIA.COM (James E. Cook)	NNNNNNNNNNNN
sas@opus.xyplex.com (Scott Sminkey - Sustaining Eng Group)	NNNNNNNNNNNN
schaefer@cisco.com (Carl Schaefer)	--YYY-YYY--
Scott.Tisinger@uwyo.edu (Scott M. Tisinger)	YYYYYYYYYYYYYY
scott@hpislst.lvld.hp.com (Scott Turner)	NNNNNNNNNNNN
sidb@PICA.ARMY.MIL ("Sid B. Bernstein" (AED-EWD)	NNNNNNNNNNNN
silologic!markd (Mark C. DiVecchio)	YYYYYYYYYYYYYY
sjl@netcom.com (Scott Loftesness)	YYYYYYYYYYYYYY
skitch@NADC.NAVY.MIL (M. Squicciarini)	YYYYYYYYYNNN
smarry@zoid.guild.org (Marc Moorcroft)	NNNNNNNN--N
snyderra@dunx1.ocs.drexel.edu (Bob Snyder)	YYY-YYYY---
srghsjm@gih.grace.cri.nz (Stephen McNeill)	NNNNNNNNNNNN
stanley@oce.orst.edu (John Stanley)	NNNYYNNYYNN
steve@matt.ksu.ksu.edu (Steve Schallehn)	YY-NYY-NYYN
steve@wattres.SJ.CA.US (Steve Watt -- KD6GGD)	YYYYYYYYYYYYYY

stevew@netcom.com (Steven Wilson)	NNNNNNNNNNYN
stickler@cc.helsinki.fi (Patric M Stickler)	YYYYYYYYYYYYYY
stortek!Jon_Schmidt@csn.org (Jon Schmidt)	NNNNNNNNNNNN
stu@valinor.mythical.com (Stu Labovitz)	Y-N--Y-NYY-
sunriv!ronh@uunet.UU.NET	NNNNNNNNNNNN
sutin@lick.UCSC.EDU (Brian Sutin)	YYYYYYYYYYYYYY
taber@cimfie.enet.dec.com (MR04-2/C9 dtn 297-9029)	NNNNNNNNNNNN
tbell@n8hsp.ncoast.org (Terry Bell)	NNNNNNNNNNYN
tbutterf@emx.cc.utexas.edu (Jeff Butterfield)	YYYYYYYYYYNY
techie@w6yx.Stanford.EDU (Bob Vaughan)	YYYYYYYYYYYYYY
Thomas.Planke@Systemtechnik.TU-Ilmenau.DE (Thomas Planke)	YNYYYYYYYYYYN
THOMASG@staff.tc.umn.edu (Thomas D.Gasser)	YYYYYYYYYYYYYY
Thomas_Griffin@ccm.hf.intel.com (Thomas Griffin)	YYYYYYYYYYYYYY
tjf@beta.lanl.gov (Tom J Farish)	YNYYYYYYYYYYNN
tlf@deincr.RAIDER.NET (Tommy Fetterman)	YYYYYYYYYYYYYY
tmd@deincr.RAIDER.NET	YYYYYYYYYYYYYY
TMK9855@ZEUS.TAMU.EDU (Eh?)	NNNNYYYYYYNNY
tony@microware.co.uk (Tony Mountifield)	YYYYYYYYYYYYYY
tpoind@advtech.uswest.com (Tom Poindexter)	NNNNNNNNNNNN
tucker@gauss.eedsp.gatech.edu (Jeff Tucker N9HZQ)	NNNNNNNNNNNN
tvaughan@nyx.cs.du.edu (Thomas Vaughan)	YYYYYYYYYYYYYY
u009@csx.cciw.ca (G. Stewart Beal)	YYYYYYYYYYYYYY
UN027713@WVNVAXA.WVNET.EDU	NNNNNNNNNNNN
UUPETE@MARS.LERC.NASA.GOV	NNNYNNNNNNNN
vail@tegra.com (Johnathan Vail)	NNNNNNNNNNNN
vaughan@well.sf.ca.us (Thomas Wade Vaughan)	YYYYYYYYYYYYYY
ve3mtg@r-node.hub.org (Larry Wedow)	YYYYYYYYYYYYYY
vogon1!wa3wbu!frackit!ka3uzr!daveh@psuvax1.cs.psu.edu (Dave Hul	NNNNNNNNNNNN
w1gsl@Athena.MIT.EDU	NNNNNNNNNNNN
wanagin@kingkong.escape.de (Ulf Bahrenfuss)	YYYYYYYYYYYYYY
wattsj@mace.cc.purdue.edu (John Watts)	YYYYYYYYYYYYYY
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.cr.rockwell.com	NNNNNNNNNNNN
wmb@joplin.att.com	--Y-Y-Y-Y--
wright@morekypr.bitnet	YYYYYYYYYYYYYY
wvanhorn@magnus.acs.ohio-state.edu (William E Van Horne)	NNNNNNNNNNNN
yee@mipgsun.mipg.upenn.edu (Conway Yee)	NNYYYYYYYYNNN
zateslo@geomag.gly.fsu.edu (Ted Zateslo)	YYNNNNNNNYNN
zawodny@arbd0.larc.nasa.gov (Dr. Joseph M Zawodny)	YYYYYYYYYYYYYY
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Jay Maynard, EMT-P, K5ZC, PP-ASEL   Never ascribe to malice that which can	
jmaynard@oac.hsc.uth.tmc.edu   adequately be explained by stupidity.	
"If my car ran OS/2, it'd be there by now" -- bumper sticker	

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Date: Fri, 11 Jun 1993 18:17:14 +0000  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
newsserver.jvnc.net!gmd.de!Germany.EU.net!mcsun!uknet!pipex!bnr.co.uk!demon!

llondel.demon.co.uk!dave@network.UCSD.EDU  
Subject: Where can I ftp TheNet?  
To: packet-radio@ucsd.edu

In article <1993Jun11.172042.9113@news.clarkson.edu> rob@phoenix.erc.clarkson.edu  
(Rob Logan) writes:

> Where can I ftp the latest TheNet? I think there is a 2.10  
> but I don't realy know for sure..  
>  
> I know x1i is out but I can't it...  
>  
> I have checked ucsd.edu for both but I can't find it... thanks!  
>

You can find X1H on ftp.demon.co.uk. There is an X1J undergoing beta-test  
(fixing some of the X1H 'features') which will probably end up on there as  
well when it is considered 'safe'. I haven't seen X1I mentioned at all so  
possibly it was skipped.

Dave

\*\*\*\*\*  
\* G4WRW @ GB7WRW.#41.GBR.EU AX25 \* You think \*you\* have problems? \*  
\* dave@llondel.demon.co.uk Internet \* What do you do if you \*are\* \*  
\* g4wrw@g4wrw.ampr.org Amprnet \* a manically depressed robot?? \*  
\*\*\*\*\*

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Date: 11 Jun 1993 13:09:07 -0700  
From: network.ucsd.edu!not-for-mail@network.UCSD.EDU  
Subject: WWV on Telephone  
To: packet-radio@ucsd.edu

In article <9306111557.AA28626@tecnet1.jcte.jcs.mil> jdelancy@tecnet1.jcte.jcs.mil  
writes:  
>Someone in the recent past asked if time sources like WWV  
>was available on a telephone dial-in basis. Check these  
>out:

The number in Colorado for WWV is 303-499-7111

Brent

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Date: Sat, 12 Jun 1993 02:36:46 GMT  
From: usc!howland.reston.ans.net!darwin.sura.net!mlb.semi.harris.com!  
usenet.ufl.edu!zeno.fit.edu!zach.fit.edu!ree88132@network.UCSD.EDU

To: packet-radio@ucsd.edu

References <C8FqJs.1Hr@zeno.fit.edu>, <dmcreyno-110693082520@134.5.142.4>, <1993Jun11.150745.9462@uhura.neoucom.edu>.edu

Subject : Re: Digital microwave project

In article <1993Jun11.150745.9462@uhura.neoucom.edu> wtm@uhura.neoucom.edu (Bill Mayhew) writes:

>And also not exactly for RF either. At microwave freqnecies, E and H  
>planes' polarization orientation is easily controlled. We often use  
>use microwave links that have two outbound channels on the same  
>carrier frequency, one carrier with veritcal polarizaion, the other  
>with horizontal polarization.

>--

>Bill Mayhew           NEOUCOM Computer Services Department  
>Rootstown, OH 44272-9995 USA       phone: 216-325-2511  
>wtm@uhura.neoucom.edu      amateur radio 146.58: N8WED/AA

Thanks Bill, this is some great stuff! Now we're getting somewhere. How do you get two carriers out of one horn? Do you have 2 diodes, one vertical and one horizontal? (ie. for polarization). Good point about the polarity. In an experiment we had a receiver and a transmitter at 10.5 Ghz. When the receiver was twisted 90 degrees the signal meter went dead zero, even when face to face one meter apart from the TX. Our horns were for educational use only. No access to the circuit, just a meter on the receiver. Someone also mentioned using a laser. I like that idea (ie. no license and it's a do as you please situation). My only concern about laser is the hazard of someone looking into it. For a laser to go 5 miles or so it needs to be adequate in strength and a good wind or storm could knock it down or point it to the ground causing a hazard. But I wish not to digress from our microwave topic.

PS. Has anyone done any laser modulation? Time for another post. I saw a great article in the "Electronics Now" magazine (when it was "Radio Electronics"). I am tempted but it's expensive and the above hazars exists.

it was electron

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End of Packet-Radio Digest V93 #165

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